



## Water & Wastewater Commission Review and Recommendation

<b>Commission Meeting Date:</b>	May 9, 2018
<b>Council Meeting Date:</b>	June 14, 2018
<b>Department:</b>	Public Works
<b>Client:</b>	Rebecca Vento, Charles Celauro, and Chris Chen
<b>Agenda Item</b>	
Authorize additional contingency funding for the construction contract with <b>Pepper-Lawson Waterworks, LLC</b> , for the Walnut Creek Wastewater Treatment Plant Tertiary Filter Rehabilitation project in the amount of \$1,260,900 for a total amount not to exceed \$27,797,800. (District 1)	
<b>Amount and Source of Funding</b>	
Funding is available in the Fiscal Year 2017-2018 Capital Budget of Austin Water.	
<b>Purchasing Language:</b>	Original contract was awarded through a competitive Invitation for Bid solicitation process.
<b>Prior Council Action:</b>	January 26, 2017 – Council awarded a construction contract with Pepper-Lawson Waterworks, LLC, for the Walnut Creek Wastewater Treatment Plant Tertiary Filter Rehabilitation project.
<b>Boards and Commission Action:</b>	May 9, 2018- To be reviewed by the Water and Wastewater Commission.
<b>MBE/WBE:</b>	This request is for additional contingency funding only. MBE/WBE goals will be established if a change order is requested.

The tertiary filters at the Walnut Creek Wastewater Treatment Plant serve as the final step in the wastewater treatment process before effluent is discharged to the Colorado River or reused through the City's Water Reuse Initiative (WRI). Filters #1 through #4 were constructed as part of the original plant in 1974; Filters #5 through #10 were added in 1989 when the treatment plant was expanded to a capacity of 60 million gallons per day. The plant capacity was re-rated in 2002 to its current average daily capacity of 75 million gallons per day. The filters are aged and the current construction project involves renovating the filters to ensure their long-term reliability.

The original Council authorization allowed for a 5% contingency for covering the unknown risks associated with the project. It is anticipated that the 5% contingency limit will not be sufficient for the project based on executed change orders and a third change order currently under consideration. Therefore, 5% additional contingency is requested now to ensure timely and efficient change order processing for a successful completion. This will bring the total contingency to 10%.

To date, two change orders have been executed. The change orders were due to operational needs; design issues that are being handled through close coordination with the design engineer; unanticipated site conditions; and discovery of undocumented communications and electrical wiring. A third change order is currently being considered by the project team. These three change orders will expend approximately 96% of the authorized 5% contingency. Construction progress through April 25, 2018 is approximately 36% complete, therefore the project team believes a total contingency of 10% is appropriate.

Prompt action is requested on this item to ensure project delays do not occur. Failure to complete this project in a timely manner may result in delay of other planned projects at the Walnut Creek Wastewater Treatment Plant and the facility's ability to meet the City's stringent wastewater effluent requirements.

This project is located within zip code 78724 and is in Council District 1. This project is managed by Public Works Department.

Pepper-Lawson Waterworks, LLC is located in Houston, Texas.

#### **AUTHORIZATION HISTORY**

AMOUNT	DATE	DESCRIPTION
\$25,218,000	01/26/17	(Council) – Award of Construction Contract
\$1,260,900	01/26/17	(Council) – 5% Contingency
\$58,000	10/01/17	(Administrative Authority) –Administrative Authority
\$1,260,900	06/14/18	Proposed (Council) – Additional Contingency
\$27,797,800	<i>Total Contract Authorization</i>	

**CONTRACT HISTORY**

AMOUNT	DATE	DESCRIPTION
\$25,218,000	01/26/17	Award of Construction Contract
\$113,495.06	09/12/17	CO #1- Additional Wiring, Unknown Conditions (0.45%/0.45%)
\$577,134.63	10/01/17	CO #2- Additional Duct Banks, Unknown Conditions (2.29%/2.74%)
\$25,908,629.69	<i>Total Contract Expenditures</i>	

# CERTIFIED BID TAB

**CITY OF AUSTIN**

**PROJECT SPONSOR: AUSTIN WATER UTILITY**  
**BID CERTIFICATION & CONTRACT REP: MONICA LOPEZ**

**BID OPENING DATE: 11/3/2016**  
**TIME: 1:00 PM**

**BID TABULATION**

**PROJECT MANAGER: STEVE PARKS**

**LOCATION: 505 BARTON SPRINGS RD,  
SUITE 1045C**

**PROJECT CONSULTANTS: BLACK & VEATCH CORPORATION**

**PRICE EXPIRATION: 120 CAL. DAYS**

**DURATION: 1125 CAL. DAYS**

**LIQUIDATED DAMAGES: \$1,500 P/CAL. DAY**

**PROJECT: WALNUT CREEK WASTEWATER TREATMENT PLANT TERTIARY FILTER REHABILITATION**

**SUB ID# 3023.025**

**BID INVITATION NO: CLMC587**

**RESPONSES: 1**

**PROJECT NUMBER(S): 4480 2307 8235**

**ESTIMATE: \$20,000,000.00**

<b>BIDDER(S):</b>			<b>PEPPER-LAWSON WATERWORKS, LLC</b>		
<b>LOCATION:</b>			<b>HOUSTON, TX</b>		
<b>GUARANTEE: BB-Bid Bond CC-Cashiers Check CTC-Cert. Chk.</b>			<b>BB</b>		
<b>ADDENDA ACKNOWLEDGED</b>			<b>2</b>		
			<b>AMOUNT</b>		
<b>QUANTITY</b>	<b>UNIT</b>	<b>ITEM DESCRIPTION</b>	<b>UNIT PRICE</b>	<b>AMOUNT</b>	
<b>3,000.00</b>	<b>LF</b>	<b>TRENCH SAFETY SYSTEMS</b>	<b>\$1.00</b>	<b>\$3,000.00</b>	
<b>ALLOWANCE #1</b>		<b>FILTER BUILDING DOORS</b>	<b>\$20,000.00</b>		
<b>ALLOWANCE #2</b>		<b>MODULAR BUILDING</b>	<b>\$50,000.00</b>		
<b>ALLOWANCE #3</b>		<b>CONCRETE WALLS CONDITION/REPAIR</b>	<b>\$50,000.00</b>		
<b>ALLOWANCE #4</b>		<b>EXISTING PIPING/EQUIPMETN</b>	<b>\$50,000.00</b>		
<b>ALLOWANCE #5</b>		<b>SITE CONDITION</b>	<b>\$100,000.00</b>		
<b>ALLOWANCE #6</b>		<b>TRAVEL</b>	<b>\$25,000.00</b>		
<b>SUBTOTAL ALLOWANCES 1-6</b>			<b>\$295,000.00</b>		

# CERTIFIED BID TAB

BASE BID (INCLUDES ALLOWANCES 1-6 AND EXCAVATION SAFETY SYSTEMS UNIT PRICES)	\$25,118,000.00	
ALTERNATE NO. 1 MEDIA RETENTION BAFFLES FOR FILTERS 5-10	\$100,000.00	
TOAL BID (INCLUDES ALLOWANCES 1-6):	\$25,218,000.00	

**AWARD IS BASED ON BASE BID PLUS ALTERNATE NO. 1**

TRUE COPY OF BID TABULATION AS RECEIVED OR CORRECTED IN  
ACCORDANCE WITH CONDITIONS GOVERNING PROPOSALS.



11/17/16

CAPITAL CONTRACTING OFFICE  
CONTRACT PROCUREMENT DIVISION  
CITY OF AUSTIN, TX

DATE

## Walnut Creek Wastewater Treatment Plant – Site Location

7113 FM 969, Austin, Texas 78724

